

A B S T R A C T

The inflation device comprises a syringe whose piston presents a thread. It further comprises a retaining mechanism for retaining the piston and comprising two half-nuts movable between a position in which they are spaced apart from the thread and a position in which they engage the thread, together with control members mounted to tilt relative to the syringe body. For each half-nut, the retaining mechanism comprises two resilient tabs pressing against the corresponding half-nut and against the syringe body. In addition, each of the control members comprises a finger pressing against the corresponding half-nut and adapted, when the member tilts, to press against one of two bearing surfaces carried by the half-nut and offset relative to each other in a radial direction of the syringe body.